ORIGINAL

CRISPIN & BRENNER, P.L.L.C.
1156 15TH STREET, N.W.
SUITE 1105
WASHINGTON, D.C. 20005
(202) 828-0152
(202) 828-0158 (FAX)

EX PARTE OR LATE FILED

WRITER'S DIRECT NO.
(202) 828-0155

August 2, 2001

Ms. Magalie R. Salas
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Oral Ex Parte Presentation
CC Docket No. 94-102

Dear Ms. Salas:

On behalf of my client QUALCOMM Incorporated ("QUALCOMM"), this is to report that on August 1, 2001, Jonas Neihardt, Vice President, Federal Affairs of QUALCOMM, and I met with Monica Desai, Legal Advisor to Commissioner Kevin Martin to discuss matters related to the above-referenced proceeding.

At the meeting, we provided Ms. Desai with a brief overview of QUALCOMM and its Code Division Multiple Access ("CDMA") technology, and we gave Ms. Desai the attached presentation, which summarizes the points we covered. We emphasized that QUALCOMM is on schedule in producing the first chipset which allows handset manufacturers to make 2G wireless phones with QUALCOMM's gpsOne position location technology (wireless assisted GPS) to meet the FCC's E9-1-1 mandate, the MSM3300. As the attached presentation states, wireless devices incorporating MSM3300 chipsets were first deployed in Japan in April 2001 by a private Japanese security company, SECOM, using KDDI's cellular network. This deployment has been very successful both commercially and in enhancing public safety. Here in the United States, based upon QUALCOMM's shipments of MSM3300 chipsets and QUALCOMM's understanding of the current progress of handset manufacturers, QUALCOMM believes that wireless phones containing MSM3300 chipsets will be commercially available prior to October 1, 2001, in advance of the FCC's initial deadline for E9-1-1 deployment.

In addition, we gave Ms. Desai a copy of the attached press release, dated April 16, 2001, in which QUALCOMM announced that it had begun shipping samples of its MSM5100 chipset, which includes both QUALCOMM's gpsOne technology to meet the FCC's E9-1-1 mandate and QUALCOMM's 3G cdma2000 1x technology, which supports data rates of up to 307 kbps to enable the provision of 3G services. Based upon QUALCOMM's current schedule in the

production and shipment of MSM5100 chipsets and QUALCOMM's understanding of the current progress of handset manufacturers, QUALCOMM anticipates that there should be 5100-powered handsets, with both E9-1-1 and 3G 1x capabilities, commercially available before the end of 2001.

Finally, we discussed with Ms. Desai the pending waiver requests filed by AT&T Wireless and Cingular, and we explained that a grant of these requests would both delay the initiation of E9-1-1 service for subscribers and would allow these carriers to deploy technologies which do not meet the FCC's accuracy requirements. We expressed QUALCOMM's concern that to protect the public's safety, the accuracy requirements should not be weakened via waivers, and that the Commission should not foster any delay in E911 implementation by granting such waivers of extended duration.

Please contact me if you need any further information.

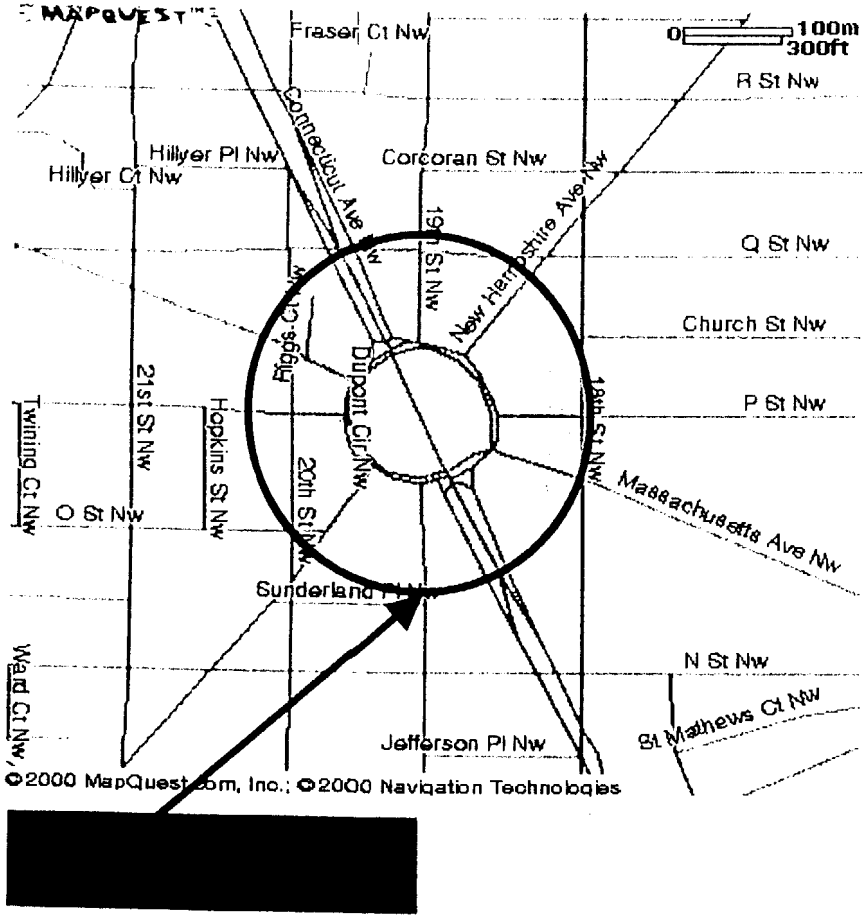
Sincerely yours,

Dean R. Brenner
Attorney for QUALCOMM Incorporated

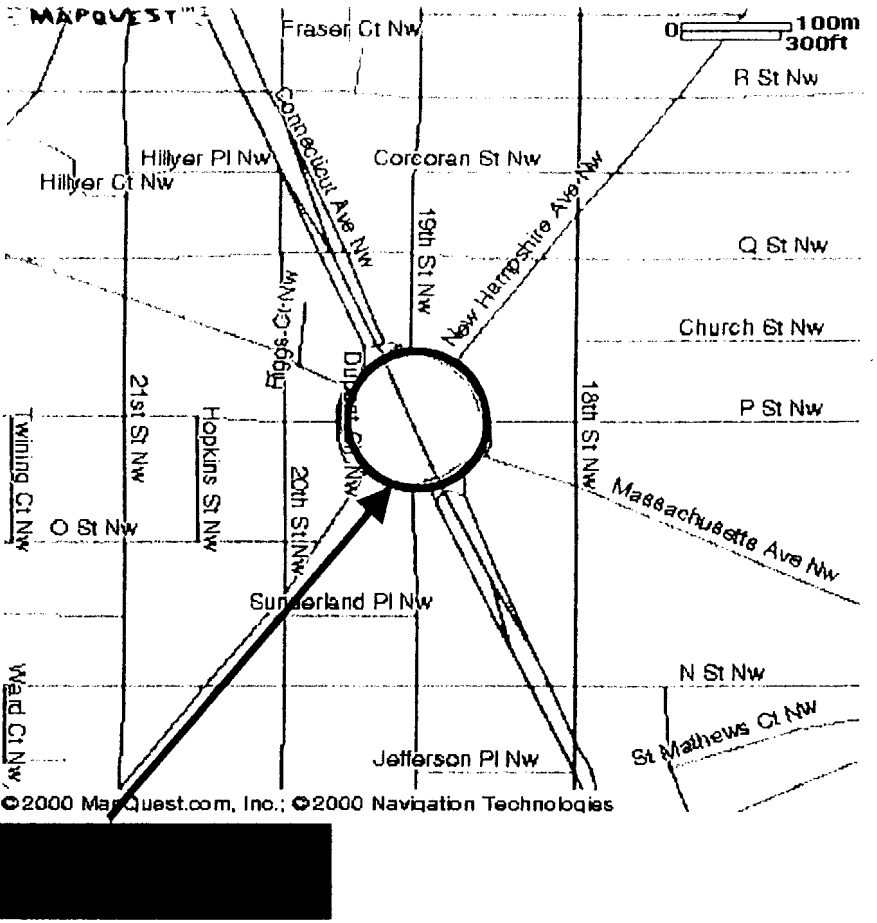
cc: Monica Desai, Esq.

FCC E9-1-1 Handset Requirements

150 m accuracy – 95%



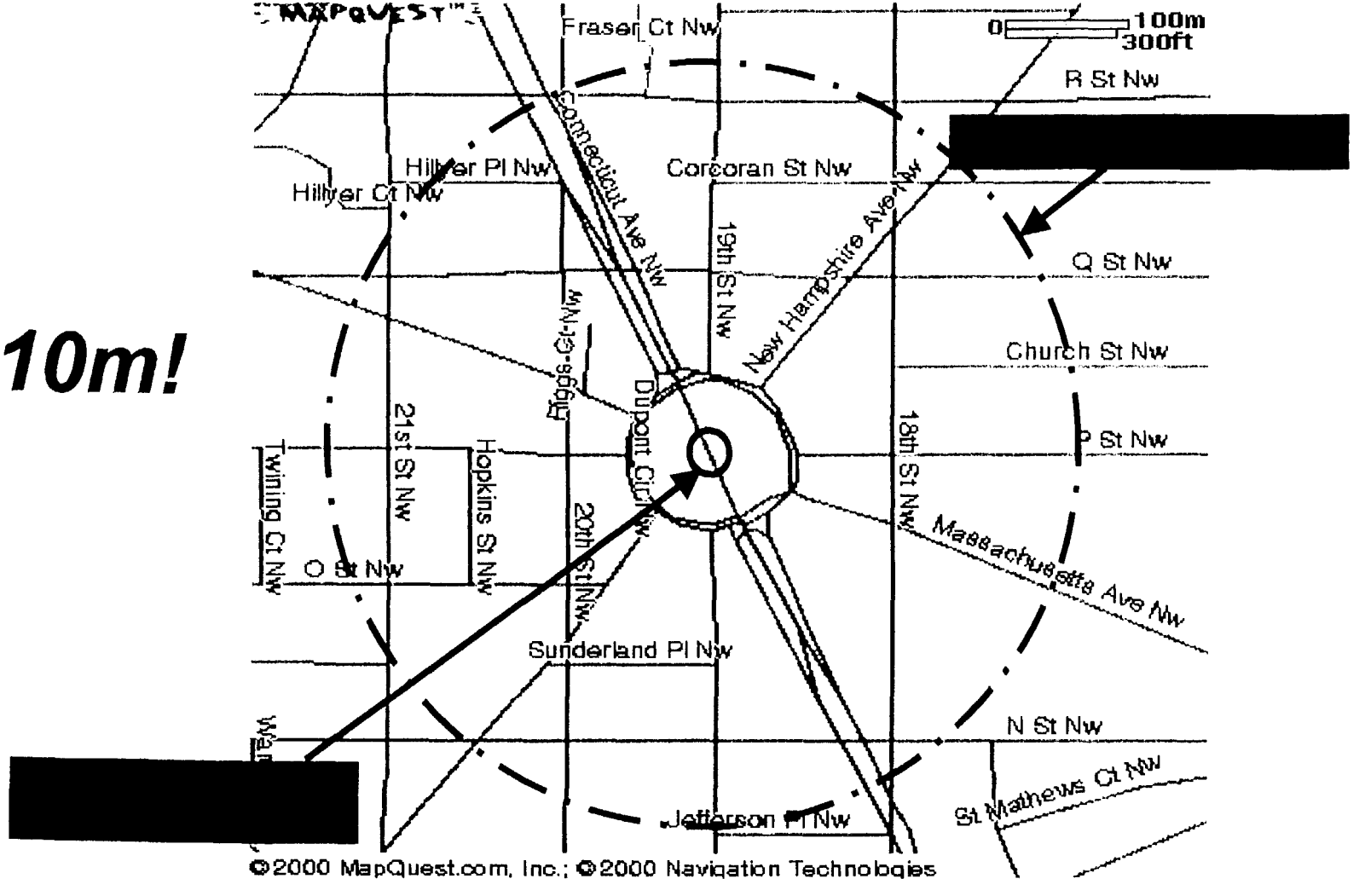
50 m accuracy – 67%



QUALCOMM

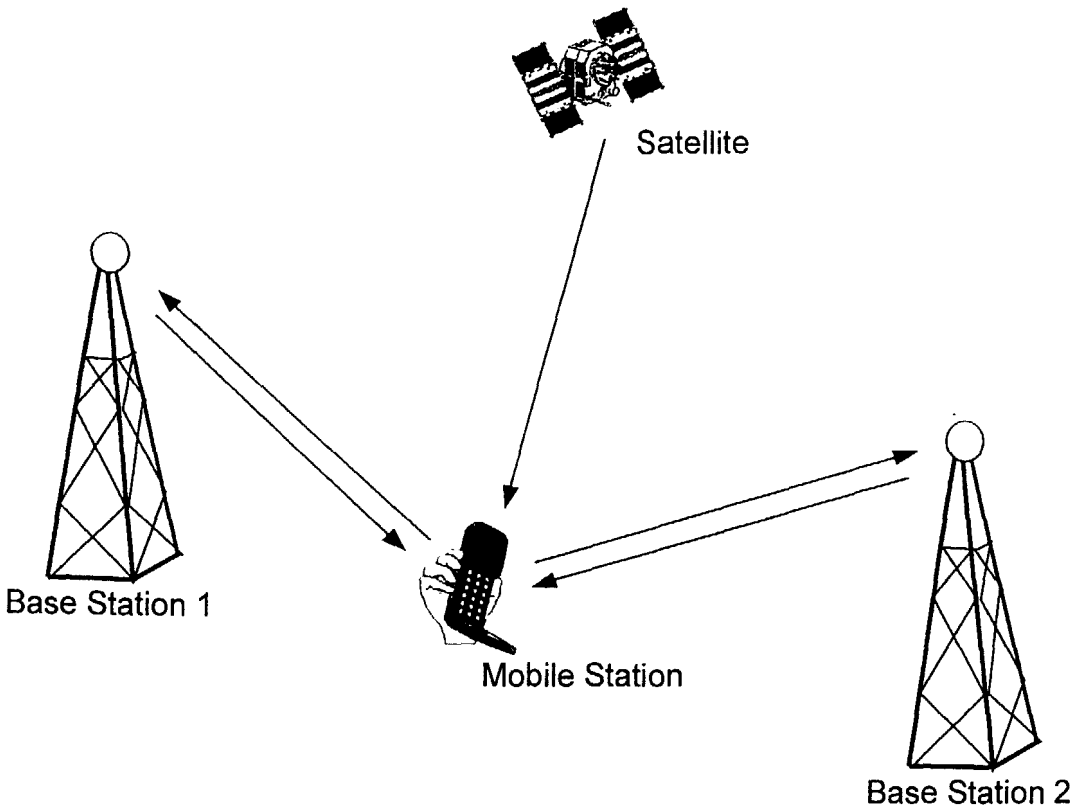
gpsOne Exceeds FCC E9-1-1 Accuracy Requirements

10m!



* Typical WAG Handset in Light Urban Environment - may vary depending on call environment

How gpsOne Works



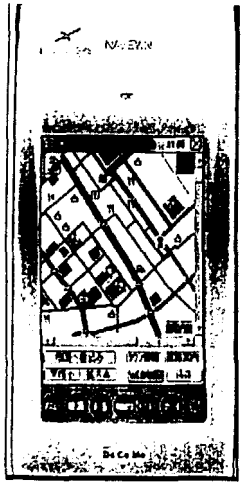
- Hybrid technology enables indoor fix capability
- GPS provides pinpoint outdoor accuracy
- Equates to high availability in all terrain
- Also enables GPS indoors via enhanced sensitivity

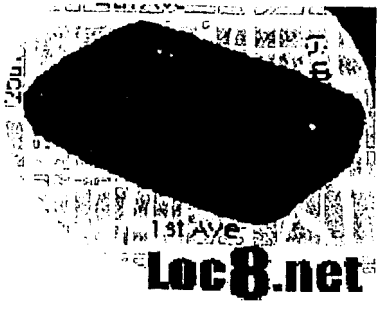
gpsOne uses both GPS satellite and network infrastructure information to provide high availability positioning capability in all terrain

gpsOne and SnapTrack Worldwide Deployment

May 2001

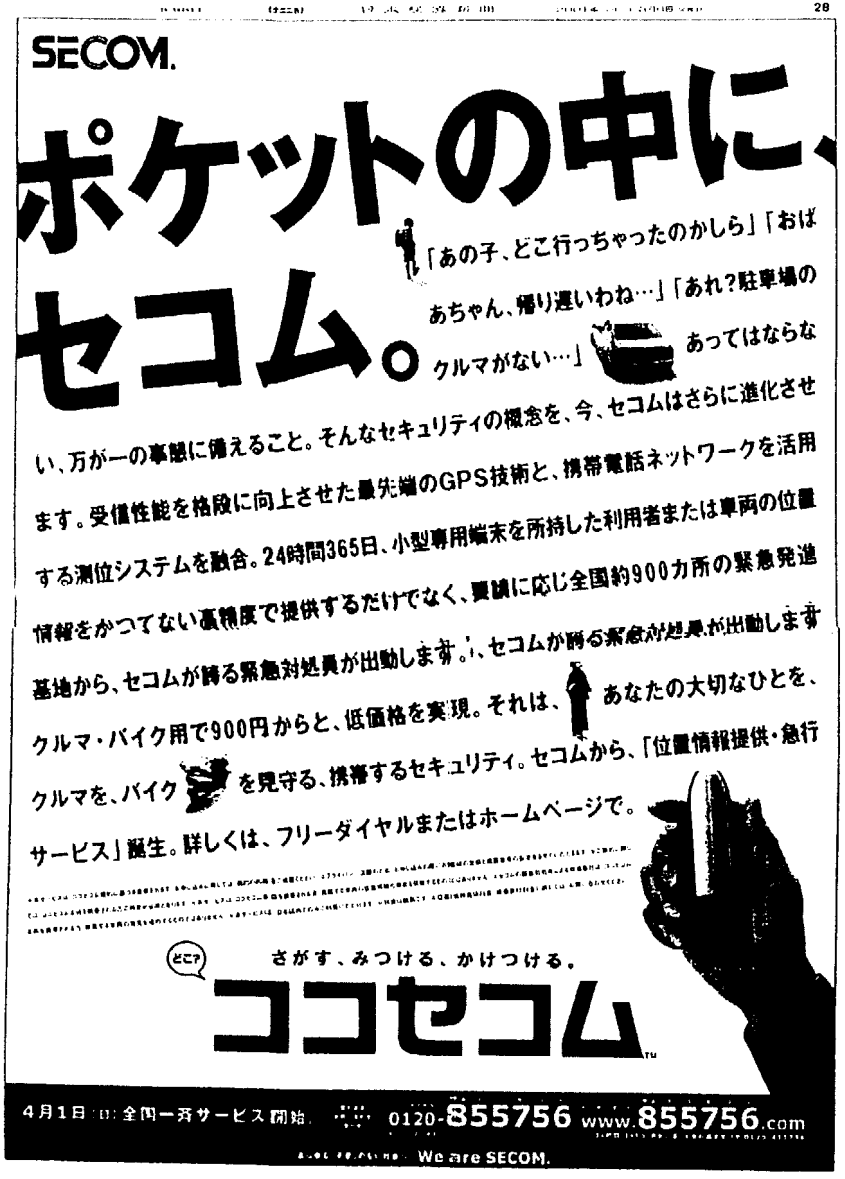
QUALCOMM



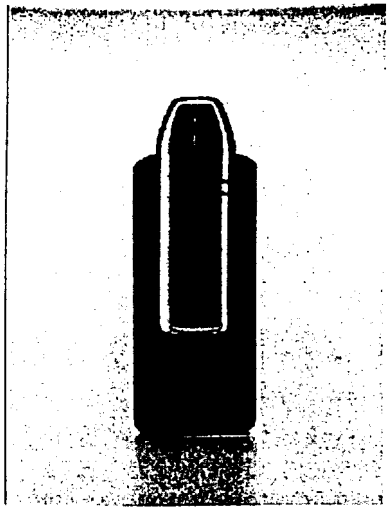


- Over 30 carriers on three continents have trialed SnapTrack/gpsOne technology in the past 3 years on all major air interfaces
- January 2000 deployment of SnapTrack-enhanced Naviewn in Japan by NTT DoCoMo
- 2001 gpsOne MSM-3300-based deployment in Japan by SECOM on the KDDI network
- 2H2001 deployment of SnapTrack-enhanced 2-way pagers (ReFLEX) in North America via Locate Networks/Glenayre and partners
- 2H2001 gpsOne and MSM-3300 deployment in US by major US CDMA carriers (Sprint PCS, etc.)
- Over 20 CDMA handset manufacturers developing gpsOne-enabled handsets for both Asian and US markets
- Solutions for multiple air interfaces available beginning 2002

First gpsOne Commercial Product



- SECOM/Hitachi security device on a KDDI CDMA commercial network in Japan
- First deployed April 1, 2001
- Monthly fee: $5/month, including 2 locate fixes
- Applications in Japan include monitoring location of automobiles, motorcycles, children, seniors



DENSO 3300

First Position Location-Enabled Phone

- Wireless Assisted GPS
- Location service support
- Customized services
- MIDI-compatible downloadable ringers
- Enhanced voice services
- Web browser

*DENSO Press Release at CTIA Wireless 2001

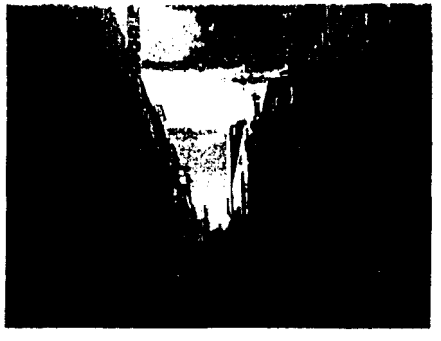
Wireless Assisted GPS Proven Worldwide on Major Air Interfaces: AMPS, CDMA or GSM

Denver, CO (analog/CDMA)
outdoor, open: 1-Σ = 4 m

San Francisco, CA (analog/GSM/CDMA)
inside urban parking garage:1-Σ = 45 m

Tampa, FL (CDMA)
1st story, 2-story house: 1-Σ = 20 m

Tokyo, Japan (PHS/PDC)
dense urban: 1-Σ = 18 m



Madrid, Spain (GSM)
dense urban: 1 -Σ = 37 m

Washington, D.C. (analog)
urban alley: 1-Σ = 50 m

*Sample data from specific field tests, may not be representative of all conditions

Providing Safety and Privacy

- gpsOne is a handset-based technology; all satellite and pilot measurements are taken at the handset
- Position location can be turned off at the handset
  - "Opt-in" approach: settings preset to off
  - Four possible settings:
    - Off except for E-911 calls
    - Off for network (external) initiated requests
    - Off for handset initiated requests
    - On
- Location generated only when specifically requested or authorized by a subscriber – consistent with Location On Demand™ feature
  - Prevents unauthorized location of wireless consumers
- gpsOne is the only technology that satisfies both privacy and safety concerns

* E911 Capability is always on

QUALCOMM

NEWS RELEASE

www.qualcomm.com > Press Room

QUALCOMM CDMA Technologies Announces On-Time Sample Shipment of World's First 3G 1x Solution with Advanced Position Location Capabilities and Support for Data Rates of up to 307 Kbps

- MSM5100 Integrated Circuit, System Software and SURF Development Platform Supports 3G CDMA2000 1x with Key Wireless Internet Launchpad Features -

SAN DIEGO -- April 16, 2001 -- QUALCOMM Incorporated (Nasdaq: QCOM), pioneer and world leader of Code Division Multiple Access (CDMA) digital wireless technology, today announced the on-time sample shipment of the MSM5100™ Mobile Station Modem (MSM™) integrated circuit, including the initial release of the QUALCOMM CDMA Technologies (QCT) Dual-Mode Subscriber Software (DMSS™) technology and Subscriber Unit Reference (SURF™) development platform. The MSM5100 integrated circuit and system software, along with key components of QCT's Wireless Internet Launchpad™ suite of advanced technologies, provide handset manufacturers and third-generation (3G) 1x system operators with the ability to deliver the highest level of integration for 3G handsets and quickly roll out new 3G services to their subscribers.

"The MSM5100 integrated circuit and system software, together with the accompanying SURF development platform, delivers our second generation of 3G multimedia solutions, complementing the MSM5105 device that sampled in January 2001," said Don Schrock, president of QUALCOMM CDMA Technologies. "The MSM5100 solution will enable manufacturers to roll out cost-effective 1x handsets and offers the key technologies of QCT's Wireless Internet Launchpad portfolio, including exciting new services such as streaming video and wireless video conferencing, as well as support for E9-1-1 and high-accuracy position location capabilities."

The MSM5100 integrated circuit and system software solution supports data rates of up to 307 kilobits per second (kbps) in the forward link. Capable of providing up to a 50 percent increase in standby times, and up to twice the overall capacity for voice of IS-95A/B systems, the MSM5100 solution will allow manufacturers to develop state-of-the-art 3G handsets that feature the most complete set of positioning, multimedia and other advanced features available in the wireless industry.

The MSM5100 solution incorporates QCT's Wireless Internet Launchpad suite, enabling a broad range of new terminal products, applications and Internet services, including gpsOne™ position location solution and Bluetooth™, as well as multimedia features such as Qtunes™ Moving Picture Experts Group (MPEG-1) Layer-3 (MP3) player software and Compact Media Extension (CMX™) Musical Instrument Digital Interface (MIDI)-based multimedia software. The MSM5100

device also supports the Binary Runtime Environment for Wireless™ (BREW™) applications platform.

The gpsOne solution, which integrates SnapTrack™ technology with Global Positioning System (GPS) satellite and network information, provides a high-availability solution that offers industry-leading accuracy and performance. The gpsOne solution provides the world's most available and cost-effective solution for wireless position location technology in a mobile handset for CDMA cellular and Personal Communications Service (PCS) networks, and will meet the Federal Communications Commission (FCC) mandate requiring wireless operators to provide the location of 911 calls (E9-1-1). The MSM5100 solution also enables a broad range of future 3G GPS-related software and services, including navigation information, area-specific weather forecasts, traffic reports and commercial tracking services, as well as a broad range of entertainment applications, including online chat and bulletin boards.

The MSM5100 integrated circuit also provides the most efficient solution to integrate Bluetooth digital baseband processing into a comprehensive 3G CDMA integrated circuit and system software solution. Bluetooth is a short-range radio technology that eliminates the need for wired connections between digital devices, and is becoming an industry standard to ensure that computing and telecommunications equipment can communicate easily. Bluetooth provides a universal bridge to existing data networks, a peripheral interface, and a mechanism to form small, private ad hoc groupings of connected devices away from fixed network infrastructures.

Optional software from QUALCOMM for the MSM5100 solution enables advanced audio features such as Qtunes MP3 player software and CMX MIDI-based multimedia software.

MP3 is a standard audio file format for compressing a sound sequence into about one-twelfth the size of the original file with very little loss in sound quality. These enhancements will allow a wide variety of future wireless music applications, including karaoke phones, MP3 player phones and more.

The MSM5100 solution also integrates a mass storage device controller, such as a Multimedia Card (MMC) interface, which will provide an effective interconnection to much larger memory space to store MP3 music data or mapping data from a geographical navigation service.

The MSM5100 solution is available in a 208-ball Fine-Pitch Ball Grid Array (FBGA) production package, and is pin-compatible with the MSM3300™ IS-95A/B integrated circuit, which will enable handset manufacturers to reduce the time-to-market for highly integrated and feature rich 3G CDMA2000 handsets as 3G networks and services are being rolled out.

QCT, a division of QUALCOMM Incorporated, is a developer and supplier of CDMA integrated circuits, hardware and software solutions, and tools, with more than 133 million cumulative shipments of MSM chips worldwide. QCT offers wireless position location technology by SnapTrack, a wholly owned subsidiary of QUALCOMM. QCT supplies chipsets to the world's leading CDMA handset and infrastructure manufacturers including: Acer Peripherals, Inc., ALPS ELECTRIC CO., LTD.; CASIO COMPUTER CO., LTD.; FUJITSU LIMITED; Hitachi, Ltd.; Hyundai Electronics Industries Co., Ltd.; KYOCERA CORPORATION; LG Information and Communications, Ltd.; Samsung Electronics Ltd.; SANYO Electric Co., Ltd.; and Toshiba Corporation, among others.

QUALCOMM Incorporated (www.qualcomm.com) is a leader in developing and delivering innovative digital wireless communications products and services based on the Company's CDMA digital technology. The Company's business areas include CDMA integrated circuits and system software; technology licensing; the BREW applications platform; Eudora® e-mail software; digital cinema systems; and satellite-based systems including portions of the Globalstar™ system and wireless fleet management systems, OmniTRACS® and OmniExpress™. QUALCOMM owns patents that are essential to all of the CDMA wireless telecommunications standards that have been adopted or proposed for adoption by standards-setting bodies worldwide. QUALCOMM has licensed its essential CDMA patent portfolio to more than 100 telecommunications equipment manufacturers worldwide. Headquartered in San Diego, Calif., QUALCOMM is included in the S&P 500 Index and is a 2000 FORTUNE 500® company traded on The Nasdaq Stock Market® under the ticker symbol QCOM.

Except for the historical information contained herein, this news release contains forward-looking statements that are subject to risks and uncertainties, including the Company's ability to successfully design and have manufactured significant quantities of CDMA components on a timely and profitable basis, the extent and speed to which CDMA is deployed, change in economic conditions of the various markets the Company serves, as well as the other risks detailed from time to time in the Company's SEC reports, including the report on Form 10-K for the year ended September 24, 2000, and most recent Form 10-Q.

###

QUALCOMM Contacts:

Anita Hix, CDMA Technologies Public Relations
1-(858) 658-5879 (ph) 1-(858) 651-7385 (fax)
e-mail: ahix@qualcomm.com
or
Christine Trimble, Corporate Public Relations
1-(858) 651-3628 (ph) 1-(858) 651-2590 (fax)
e-mail: ctrimble@qualcomm.com
or
Julie Cunningham, Investor Relations
1-(858) 658-4224 (ph) 1-(858) 651-9303 (fax)
e-mail: jcunningham@qualcomm.com

QUALCOMM Home > Press Room